

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2000-IP-001878C1 (1391-25206)
First Inventor	Paul F. Rodney, et al.
Title	Directional Signal and Noise Sensors for Borehole Electromagnetic Telemetry System
Express Mail Label No.	EV 333400004 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Arlington VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 34]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath and Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
- a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: 09/923,205
Prior application information: Examiner: James C. Clinger Group/Art Unit: 2821

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label 30652 or ☐ Correspondence address below

Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	
Name (Print/Type)	Albert C. Metrailler			Registration No. (Attorney/Agent)	27145
Signature	<i>Albert C. Metrailler</i>			Date:	9-29-03

FEE TRANSMITTAL

For FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$ 1,284.00

METHOD OF PAYMENT (Check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
Deposit Account Number: 03-2769
Deposit Account Name: Conley Rose, P.C.

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing Fee	\$ 750.00
1002 330	2002 165	Design filing fee	\$
1003 520	2003 260	Plant filing fee	\$
1004 750	2004 375	Reissue filing fee	\$
1005 160	2005 80	Provisional filing fee	\$

SUBTOTAL (1) \$ 750.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20** = 11	x 18.00 =	\$ 198.00
Independent Claims	7	-3** = 4	x 84.00 = \$ 336.00
Multiple Dependent		280.00 =	\$ 00.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent Claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 534.00

** or number previously paid, if greater; For Reissues, see above

Complete if Known

Application Number	New Application
Filing Date	Herewith
First Named Inventor	Paul F. Rodney
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	2000-IP-001878C1 (1391-25206)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

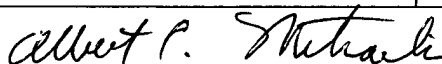
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	\$
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	\$
1053 130	2053 130	Non-English specification	\$
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	\$
18042 920*	1804 920*	Requesting publication of SIR prior to Examiner action	\$
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	\$
1251 110	2251 55	Extension for reply within first month	\$
1252 410	2252 205	Extension for reply within second month	\$
1253 930	2253 465	Extension for reply within third month	\$
1254 1,450	2254 725	Extension for reply within fourth month	\$
1255 1,970	2255 985	Extension for reply within fifth month	\$
1401 320	2401 160	Notice of Appeal	\$
1402 320	2402 160	Filing a brief in support of an appeal	\$
1403 280	2403 140	Request for oral hearing	\$
1451 1,510	1452 1,510	Petition to institute a public use proceeding	\$
1452 110	2452 55	Petition to revive - unavoidable	\$
1453 1,300	2453 650	Petition to revive - unintentional	\$
1501 1,300	2501 650	Utility issue fee (or reissue)	\$
1502 470	2502 235	Design issue fee	\$
1503 630	2503 315	Plant issue fee	\$
1460 130	1460 130	Petitions to the Commissioner	\$
1807 50	1806 50	Processing fee under 37 CFR 1.17(g)	\$
123 50	123 50	Petitions related to provisional applications	\$
1806 180	1806 180	Submission of Information Disclosure Stmt	\$
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	\$
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	\$
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	\$
1801 750	2801 375	Request for Continued Examination (RCE)	\$
1802 900	1802 900	Request for expedited examination of a design application	\$
Other fee (specify)			\$

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Albert C. Metrailler	Registration No. (Attorney/Agent)	27145	Telephone	(972) 731.2288
Signature				Date	9-24-03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.